



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

- 14...Rough Rose (*Rosa Scabruscula*) flowering.
 16...Umbelled Rose Campion (*Agrostema Flos Jovis*), and Downy-leaved Rose (*Rosa tomentosa*) flowering.
 18...Red Pomponé Lily (*Lilium Pomponium*) flowering.
 19...Willow leaved Spiræa (*Spiræa Salicifolia*), Shrubby Cinquefoil (*Potentilla fruticosa*), and Branching Spider Wort (*Phalangium ramosum*) flowering.

METEOROLOGICAL REPORT.

From the 20th May' till the 20th June,

May 21,	.....	Fine.
22,	.....	Light Rain.
23,	.....	Some heavy showers of rain and hail, with thunder.
24,	.....	Heavy showers.
25,	.....	Fine.
26,	.....	Showery.
27,	.....	Cloudy, rain at night.
28,	.....	Wet.
29,	.....	Some light rain.
30,	.....	Heavy rain at night.
31,	.....	Dark dry day.
June 1,	.....	Fine.
2,	.....	Heavy rain, with thunder.
3,	.....	Dark day.
4,	.....	Very wet.
5,	.....	Showery.
6,	.....	Very wet, with some thunder.
7,8,	.....	Showery.
9,	.....	High drying wind, and some very light showers.
10,	.....	Showery and windy.
11,13,	.....	Showery.
14,	.....	Wet.
15,16,	.....	Showery.
17,19,	.....	Fine.
20,	.....	Showery.

The barometer has during this period been, on the 27th May, 30—17th June 30—1—18th, 30—3—19th, 30—2—the lowest on the 5th June, 29—2.

The thermometer has been as high as 63 on the morning of the 22d of May, A.M.—on the 24th at 8 A.M. 50—27th at 8 A.M. 60—on the 17th June at 8 A.M. 60—18th at 8 A.M. 59—19th 59—20th 50.

The wind has been observed 6 times S.E.—15 S.W.—2. N.E.—3. N.W.—3 S.—4W. so that the prevalence has been evidently southerly.

CELESTIAL PHENOMENA.

FOR JULY, 1811.

(Extracted from Friend's Evening Amusements.)

THE Moon is on the meridian on the 1st, at one minute past eight, having below her but near to the meridian the first of the Balance, and above her at a much greater distance, both from her and the meridian, the second of this constellation. To the east of her we shall notice Mars and the two first stars of the Scorpion.

On the 3d, the Moon is on the meridian at three quarters past nine, having nearly

under her the first of the Scorpion, and below her to the west the second of this constellation; beyond this star we notice Mars, and to the east of the meridian, nearly at the same distance, Saturn. The Moon thus between the two planets, and having under her a star of the first magnitude, will attract our attention.

On the 6th is full Moon at twenty-six minutes past seven in the morning. She rises nearly at the same time with the two first stars of the Goat, whose brightness will be much diminished by her superior splendour.

On the 14th, the Moon rises in the morning under the three first stars of the Ram, and it is soon followed by the small stars in the head of the Whale, but does not pass the line between the first of the Ram and Menkar before sun-rise.

On the 20th, at four minutes past eleven is new Moon.

On the 26th, we perceive that she has passed the five stars in triangle of the Virgin, though the third of this constellation is the nearest star to her.

On the 31st, she is on the meridian at one minute past eight, being directly under the seventh of the Serpent-bearer, the stars in the Scorpion, with Mars, being below her to the west, and Saturn below her, but nearer to her, to the east of the meridian.

The chief planets are morning stars during this month; and a conjunction between Venus and Jupiter taking place, their brilliancy in the north east by east will frequently attract the attention of the early riser.

Mercury is a morning star till the 24th, when he is in his superior conjunction; and as his latitude is south in the first part of the month, he will not often present himself to our view.

Venus is a morning star, her duration above the horizon, before sun-rise on the 1st being an hour and forty minutes; and this duration increases, though very slowly.

Mars is on the meridian on the 1st, at forty-six minutes past eight in the evening, and on the 19th at forty-one minutes past seven, being in the eighth sign and to the south of the ecliptic: he is, when on the meridian, only a little above the middle of the lower regions. As Jupiter and Venus attract attention in the morning, Mars and Saturn will merit it in our evening walks, and the stars in the Scorpion form an agreeable groupe between them.

Jupiter is a morning star, and his duration above the horizon before sun rise is daily increasing, being at first little more than an hour and a quarter. Mercury passes him on the 3d, Venus on the 10th; so that the motion of these planets by him must be highly interesting to the astronomer; and the early riser cannot but be struck at the appearance of these morning stars.

Saturn is on the meridian at forty-seven minutes past ten at night of the 1st, and at twenty nine minutes past nine of the 19th. He is therefore in a favourable position for the observer, being then about the middle of the lower region.

Herschell is on the meridian at eleven minutes past eight in the evening of the 1st, and forty-nine minutes past six of the 21st.

The Sun's apparent diameter on the 1st, is thirty-one minutes, thirty-one seconds, and on the 19th thirty-one minutes, thirty-two seconds. At noon of the 27th it is, half a degree.

ECLIPSES OF JUPITER'S SATELLITES.

1st SATELLITE.					2d SATELLITE.					3d SATELLITE.									
<i>Emerisions.</i>					<i>Emerisions.</i>														
DAYS.	H.	M.	S.		DAYS.	H.	M.	S.		DAYS.	H.	M.	S.		DAYS.	H.	M.	S.	
5	7	3	57		6	11	3	17		7	1	50	17	Im.					
7	1	32	31		10	0	20	40		7	4	26	29	E.					
8	20	1	10		13	13	38	7		14	5	49	47	Im.					
10	14	29	42		17	2	55	29		14	8	27	0	E.					
12	8	58	19		20	16	12	58		21	9	50	1	Im.					
14	3	26	52		24	5	30	24		21	12	28	16	E.					
15	21	55	29		27	18	47	56		28	13	49	30	Im.					
17	16	24	1		31	8	5	20		28	16	28	45	E.					
19	10	52	37																
21	5	21	8																
22	23	49	43																
24	18	18	13																

Look to the right hand*

* 1st Sat. continued.				
26	12	46	47	
28	7	15	16	
30	1	43	50	
31	20	12	19	

ERRATA.

* Page 389, 2d col. 24th line, for *Utophia*, read *Utopia*.—Page 445, 1st col. 20th line, for *Report*, read *Report*.

TO CORRESPONDENTS.

Several communications came too late for insertion in this number.